

Shroff S. R. Rotary Institute of Chemical Technology

Department of Electrical Engineering

Academic Year 2015-16

Project Fair Report

Date: 25th April, 2016

A project fair was organized on 25th April 2016 by Electrical Engineering Department. This platform will help to make continuous contact between all stake holders from all team members, Faculty Guide, Industry-mentors, fabricators etc. This platform will increase collaboration and co-creation while improving novelty of project works. The online platform is developed to fill the physical gap between various stake holders for their needs to develop innovations. It provided a stage for industry persons to analyze ideas of students that can be helpful for industries in future. Moreover the pre final year students also had a clear idea as to how they are supposed to carry out their projects in the coming year by visiting the fair and interacting with the final year students. They also learned various managerial skills by helping in organization of the fair.

Total 15 projects were demonstrated by final year students. They have displayed the poster of their project and working models to make it easily understandable for junior students, visitors of the fair. An open invitation was sent to all the staff members and students of the institute.

Experts from industry, Faculties from hosting, second year and third year students have visited the fair. This fair provides a great platform for final year students to share their learning, ideas and experiences with the visitors to organize this project fair we had invited **Mr. Viral Shah (Dy. General Manager)** from **Godrej Industries** to evaluate and give necessary suggestions to the students:

An Interaction session was organized at the end project fair. Experts from industry have shared the experiences with faculty members and students. They discussed the important stages of project development and discussed the current trend in Electrical.

Project Demonstrated During the Fair

Pro. N.	Group Member		Project Title
1	120990109015	JYOTISHI KEYURKUMAR BHARATBHAI	Design & Analysis of Earthing System for a Different Substation
	120990109021	PATEL DEEPKUMAR PRAKASHBHAI	
	120990109004	PATEL DHRUV JITENDRABHAI	
2	120990109013	THAKUR BHUPESH KAMLESHBHAI	Energy Management and Audit in an Agrochemical Industry
	120990109056	RANA PARTH YOGESHCHANDRA	
	130993103014	Shah Miten Jiteshbhai	
	120990109061	VASAVA DIVYANGKUMAR VINODBHAI	
3	120990109018	PATHAN SHAHARYARKHAN IKRAMKHAN	Design of ON grid and OFF grid 25 Kw Slar Power System for Industrial Lighting Application
	120990109009	BOBAT SUHEL MEHBOOB	
	120990109011	KATHI SUFIYAN USMANADAM	
	120990109019	DODIYA SIDDHARTHSINH MAHENDRASINH	
4	130993109008	KEVADIYA KETAN N	Design of IGBT Based Control Panel for Induction Melting Furnace
	130993103001	Baldha Prince Chandulal	
	130993103004	Bhatt Sachinkumar Gopalbhai	
	130993103005	Butani Vijaykumar Girdharbhai	
5	120990109059	RANA KRUNAL DIPAKKUMAR	Voltage Stability Improvement using SSSC & TCSC Controllers.
	120990109035	PATEL MOHITKUMAR DILIPBHAI	
	120990109044	PATEL DHANUSH ARVIND	
	120990109032	DETROJA KASHYAP KHIMJIBHAI	
6	120990109002	MAISURIYA DIVYAKANT GUNVANTBHAI	Contactor based Automatic Power Factor Correction for Industrial Load
	120990109040	BHATT DHRUV NILESHKUMAR	
	120990109017	BAVISKAR ANIKANT VADILAL	
	120990109036	PARATE UMESH SUBHASH	

7	130993109013	RANA Mayur D	Illumination Design of Industrial and Commercial Indoor and Outdoor Area
	130993109011	Panchal Vishalbhai Pravinbhai	
	120990109058	SUTHAR JAIMINKUMAR ANILKUMAR	
	130993109012	PATEL Shitanshu K	
8	130993103002	Baraiya Bhaveshbhai Kanabhai	Different Maintenance Practices for Industrial Electrical Equipments
	120990109048	DUBEY ASHISHKUMAR DAYASHANKAR	
	120990109012	PANDEY ANAND UMADHAR	
	120990109028	PAL RANJIT JAGGANNATH	
9	120990109031	PRASAD KULDIPKUMAR RAMPRAVESH	AC Drive Synchronization Using CAN Protocol
	120990109014	SHUKLA ANKUR VINEETKUMAR	
	120990109039	CHAUDHARY SARWARALI ANWARALI	
	120990109025	PATEL CHINTANKUMAR SUNILKUMAR	
	120990109026	PATIL HEMANT DINKAR	
10	120990109001	PATEL MUKESHKUMAR PRABHATSINH	Various Case Study of Direct Stroke Lightning Protection in Different Substation
	120990109007	CHAUHAN PRUTHAK CHANDANSINH	
	120990109010	KANSARA RINKESH SHAILESHBHAJ	
11	130993103009	Khajanchi Niken R	Optimisation of Solar-Wind Hybrid System
	120990109029	YADAV ASHISH PRALAD	
	120990109054	MATURKAR JAYKUMAR ANILCHANDRA	
	130993103016	SOLANKI RUSHIRAJ S	
12	120990109046	RANA JENISH RAKESHKUMAR	Load Balancing and Harmonic Elimination Using Distribution Static Synchronous Compensator (DSTATCOM)
	130993103006	Chanawala Jaykumar Hasmukhbhai	
	120990109043	MACHHI CHIRAGKUMAR CHANDUBHAI	
	130993103010	Modi Rishit Dineshbhai	
	120990109034	JADAV NIKHIL HITENDRABHAI	
13	120990109051	VYAVAHARE ASMITA BHANUDAS	

	130993103003	Bhatt Hemaxiben Pradipkumar	Design and Analysis of Autonomus Micro-Grid Using Hybrid Power Sources
	120990109022	RAULAJI HARDIPSINH ARJUNSINH	
	120990109063	PATEL HARDIK GIRISHBHAI	
14	120990109055	AHIR DIVESHKUMAR MANSANGBHAI	Partial Discharge in Enamelled Wires used in Domestic Motors for Power Electronics Applications
	120990109047	GAJJAR VISHALBHAI MAHENDRAKUMAR	
	120990109041	MANGROLA KARANSINH VIKRAMSINH	
	120990109049	SHAH DIPENKUMAR PARESHBHAI	
15	120990109005	PATEL AKSHAYKUMAR KAMLESHBHAI	Digital Implementation of 0.5 Kw Intregated Power Supply
	120990109006	RAJPUT HARSHPALSINH BALVANTSINH	
	120990109023	PANDYA CHIRAGKUMAR HARSHADKUMAR	
	120990109060	PATEL KARANKUMAR ASHWINBHAI	

Photographs of Project Fair Event:





Best Three Projects:

By combining the judgment of experts from Industry, internal guide and faculty members, following projects were chosen as best three projects are as follows:

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1	120990109059	RANA KRUNAL DIPAKKUMAR	Voltage Stability Improvement using SSSC & TCSC Controllers.
	120990109035	PATEL MOHITKUMAR DILIPBHAI	
	120990109044	PATEL DHANUSH ARVIND	
	120990109032	DETROJA KASHYAP KHIMJIBHAI	
2	120990109018	PATHAN SHAHARYARKHAN IKRAMKHAN	Design of ON grid and OFF grid 25 Kw Solar Power System for Industrial Lighting Application
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3	120990109015	JYOTISHI KEYURKUMAR BHARATBHAI	Design & Analysis of Earthing System for a Different Substation
	120990109021	PATEL DEEPKUMAR PRAKASHBHAI	
	120990109004	PATEL DHRUV JITENDRABHAI	

The project fair is organized by department of Electrical engineering, SRICT under the guidance of Mr. Praful P. Chudasama (HOD, DEE) and coordinated by Mr. Hiren Jariwala (Final Year Project Coordinator).

Mr. Praful P. Chudasama
HOD, DEE, SRICT

Mr. Hiren Jariwala
Final Year Project Coordinator, DEE